

WHAT IS CLAIMED IS:

1. An iris camera module comprising:
an image pickup optical system for picking up the image
5 of the iris; and
a target optical system for displaying the target of the
eye,
wherein the target optical system and the image pickup
optical system are integrated.

10 2. An iris camera module according to claim 1,
wherein the image pickup optical system includes:
an infrared illuminating section for irradiating an
infrared ray onto the eye;
15 an image pickup section for picking up the image of the
iris by detecting the infrared ray reflected on the eye; and
an image pickup optical section for guiding the infrared
ray reflected on the eye to the image pickup section,
wherein the target optical system includes:
20 a target screen where the target is displayed; and
a target optical section for guiding the image of the
target on the target screen to the eye.

25 3. An iris camera module according to claim 2,
wherein the image pickup optical section and the target

optical section include a common half mirror for reflecting to guide the infrared ray reflected on the eye to the image pickup section and guiding the image of the target on the target screen to the eye without reflecting the image.

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4. An iris camera module according to claim 2,
wherein the image pickup optical section and the target optical section include a common half mirror for guiding the infrared ray reflected on the eye to the image pickup section without reflecting the infrared ray and reflecting to guide the image of the target on the target screen to the eye.

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5. An iris camera module according to claim 1,
wherein the target optical system includes a screen illuminating section for illuminating the target screen.

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6. An iris camera module according to claim 2,
wherein the image pickup section includes:
an image pickup element for picking up the image of the iris;

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a storage for storing a reference iris information; and
a comparator section for comparing an information based on the image of the iris picked up by the image pickup section with the reference iris information to output the comparison result as to whether matching is obtained.

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7. An iris camera module according to claim 6,
wherein the reference iris information can be overwritten
only a predetermined number of times in the storage.

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8. An iris camera module according to claim 2,
wherein the image pickup section includes:
an image pickup element for picking up the image of the
iris; and

10 a connector section for coupling an external circuit
detachable from the image pickup section,

wherein the external circuit includes:

a storage for storing a reference iris information; and

15 a comparator section for comparing an information based
on the iris picked up by the image pickup section with the
reference iris information to output the comparison result as
to whether matching is obtained.